	REVISION:	10						日	ENGINEERING	DATA LIST		* HISTORY *	
DATE:	040CT01	11 🗅	SJH		ORGN SYMBOL	SYMI	BOL:]	LGMPM	PR NR :	APPLICATION: 115	PAGE 1 OF 1	
CAGE: 76301	MANUFACTURER NAME: BOEING	JRER NAME:						REFER 68A41	REFERENCE NR: 68A410637-1001	NOUN	NOUN: LEVER,REMOTE CONTRO	NSN: 1680013699323LE	
CAGE	DRAWING NUMBER	NUMBER	"	REV SI	NR NR FURN DIST SHEETS CARDS CODE CODE	CARDS	FURN	DIST	NOUN		REQUIREMENTS		
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76301 PS20018	320018		1	+	0000	0000	Ø		FINISH OF HOLES SPEC	OBTAIN DATA	OBTAIN DATA FROM WRALC JEDMICS		
76301 PS23041	323041		1	+	0000	0000	S		ACCEPTANCE CRITERIA SPEC		OBTAIN DATA FROM WRALC JEDMICS		
76301 ST4M130	F4M130		-	\vdash	0000	0000	co		BUSHING, SLEEVE SPEC	OBTAIN DATA	OBTAIN DATA FROM WRALC JEDMICS		
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ENGIN	ENGINEERING DATA LIST REMARKS	LIST REMARKS							FURNISHED C - CLASS S - FURNI M - STABI	FURNISHED METHOD CODE LEGEND: C - CLASSIFIED DOCUMENT. S - FURNISHED WITH SOLICITATION. M - STABLE BASE DRAWING REQUIRED; FIRNISHED WITH CONTRACT AWARD	 X - DATA SUPPLIED (NOT IN EDCARS). R - FURNISHED BY PCD UPON REQUEST. P - PARTIAL DOCUMENT FURNISHED. V - VENDOR DRAWING; NOT PROVINED. 	G - GOV'T DOCUMENT. C. O - OTHERS, CONTRACTOR MUST ACQUIRE. A - DATA NOT AVATTARI.E	ACTOR
_													

REV:		ENGINEERING DATA REQUIREMENTS
		(ATTACHMENT "A")
	TIONS I/STANDARDS WILL NOT BE CTIONS ARE FURNISHED FOR THE	
BOLT ASSY, DRAG B	RACE - MAIN LANDING	GEAR
2. PART NUMBER		3. NATIONAL STOCK NUMBER
68A410637-1001		1680-01-369-9323LE
4. THE FOLLOWING SPECIFIC FURNISHED UNLESS SO INDI		BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE
5. PER DRAWING RE	OUIREMENTS, PERFORI	M MAGNETIC PARTICLE INSPECTION PER ASTM E 1444 IN LIEU OF
PS21201. USE FULL	WAVE DIRECT CURREN	T (FWDC), WET CONTINUOUS METHOD, FLUORESCENT TYPE WITH
		CRITERIA: NO DEFECTS ALLOWED. THE INTENT OF NO

DEFECTS ALLOWED IS THAT THE INSPECTION IS CONDUCTED AT THE REQUIRED SENSITIVITY LEVEL AND THERE SHALL BE NO INDICATIONS ALLOWED. THE INSPECTOR PERFORMING THE INSPECTION SHALL BE CERTIFIED TO LEVEL II WITH THE INSPECTION PROCEDURE DEVELOPED BY A LEVEL III AS SPECIFIED IN

NAS-410.

6. PER DRAWING REQUIREMENTS, TEMPER ETCH INSPECT PER MIL-STD-867 IN LIEU PS21205.

- 7. PER DRAWING REQUIREMENTS, MARK AND IDENTIFICATION PER MIL-STD-130 AS AN ALTERNATE TO PS16001 AND PS23006.
- 8. PER DRAWING REQUIREMENTS, HEAT TREAT PER SAE AMS-H-6875 AS AN ALTERNATE TO PS15296.
- 9. PER DRAWING REQUIREMENTS, SHOT PEEN PER SAE AMS-S-13165 AS AN ALTERNATE TO PS14023.
- 10. PER DRAWING REQUIREMENTS, CADMIUM PLATE PER MIL-STD-870 TYPE I CL 1 AS AN ALTERNATE TO PS13144 TYPE 1 CL 1.
- 11. PER DRAWING REQUIREMENTS, CHROME PLATE PER MIL-STD-1501 TYPE II CL 3 AS AN ALTERNATE TO PS13102 CL B.
- 12. PER DRAWING REQUIREMENTS, FORGING CLEANLINESS PER SAE AMS 2300 IN LIEU OF AMS 2300.
- 13. PER DRAWING REQUIREMENTS, FORGING INSPECTION AND ACCEPTANCE PER MIL-STD-867 AS AN ALTERNATE TO PS23006 GRADE A,
- 14. IN LIEU OF PAINT APPLICATION CALLED OUT ON DRAWING, APPLY ONE COAT EPOXY WATERBORNE PRIMER PER MIL-PRF-85582 TYPE 1, CL 2. ALTERNATE ONE COAT OF EPOXY POLYAMIDE PRIMER PER MIL-PRF-23377 TYPE 1. APPLY TWO TOPCOATS POLYURETHANE PER MIL-PRF-85285 TYPE I, COLOR NUMBER 17925 (WHITE) PER FED-STD-595 IN LIEU OF MIL-C-83286 WHICH HAS BEEN CANCELLED.
- 15. SERIAL NUMBER SHALL BE VIBROPEENED (WITH VIBRATING PNEUMATIC PENCIL) IN 0.09" LETTERS 0.004" 0.007" DEEP IN THE LOCATION INDICATED. IF THE DRAWING DOES NOT INDICATE A LOCATION, OO-ALC/LILE SHALL PROVIDE S/N LOCATION INSTRUCTIONS. SERIALIZATION OF ITEM SHALL BE ACCOMPLISHED AS FOLLOWS: THE SERIALIZATION SHALL BEGIN WITH THE CAGE (FSCM) OF THE CONTRACTOR NAMED ON THE CONTRACT, FOLLOWED BY A DASH AND THE 2 DIGIT YEAR OF MANUFACTURE, FOLLOWED BY A DASH AND A SEQUENTIALLY UNIQUE 3 DIGIT NUMBER. A CONTRACTOR WHO RECEIVES NUMEROUS INTERMITTENT CONTRACTS SHALL START SERIALIZATION OF ITEM WITH THE NEXT NUMBER IN SEQUENCE OF THE PRIOR CONTRACT. IF A CONTRACT PRODUCES MORE THAN 999 ITEMS, THE SERIAL NUMBER SHOULD BEGIN USING 4 DIGIT SERIAL NUMBERS. THE SERIAL NUMBER SHOULD APPEAR LIKE THIS: "S/N 98747-01-001".

PREPARED BY	SYMBOL	DATE
JOAN HYATT	LGMPM	17 Oct 01
	<u> </u>	

REV:	ENGINEERING DAT	A REQUIREMENTS CONTINUATION SE (ATTACHMENT "A")	IEET
PART NUMBER	:	NATIONAL STOCK NUMBER	
68A410637-1001		1680-01-369-9323LE	
PLATING) TO ALL BUS	IIFORM COATING OF PRIMER PER M SHING BORES AND ALLOW TO FULI OBSTRUCT GREASE PASSAGES).	IIL-PRF-23377 OR MIL-PRF-85582 LY CURE PRIOR TO INSTALLAT	2 (AFTER CADMIUM ION OF BUSHING
17. INSTALL BUSHIN	GS PER THE FOLLOWING IN LIEU O	F PS17034:	
TO THE FINISH ON THE THE O.D. OF THE BUS PRESS OR HAMMER IS	INSTALLATIONS SHALL BE ACCOME IE I.D. OF THE HOUSING INTO WHIC SHING. FORCED INSTALLATION OF S NOT PERMITTED, AND IS NOT ACC BUSHING INTO ALIGNMENT WITH	CH THE BUSHING IS INSTALLED SUB-ZERO INSTALLATIONS, SU CEPTABLE. A SMALL NON-ME	O, OR THE FINISH OF JCH AS THE USE OF A FALLIC HAMMER MAY
	HING INSTALLATION, THE PARTS AN TO REMOVE ALL CONTAMINATION		LEANED WITH A
SUB-ZERO COOLANT	GEN SHALL BE USED FOR ALL SUB- IS SPECIFIED, AND APPROVED BY C UID NITROGEN SHALL BE SUFFICIE HE COOLANT.	OO-ALC/LILE ENGINEERING. T	HE SOAK TIME OF THE
COOLANT WITH AN A	SHALL BE INSTALLED INTO THE HO ABSOLUTE MINIMUM OF LOST TIME MIZE INSTALLATION TIME WHICH :	E. TRIAL RUNS SHALL BE ACCO	OMPLISHED AS
INSTALLED, IN ADDI HAVE PAINT OR SEA BE HEATED BY THE ETC.; TO THE MAXIN MONITOR HEAT AND	IONALLY BE NECESSARY TO HEAT TION TO SUB-ZERO COOLING OF THE LANT OR OTHER ORGANIC MATERIUSE OF RADIANT HEAT TECHNIQUE AUM TEMPERATURE OF 250 F. TEM SHALL BE LOCATED ON AREAS OF SCALING, OXIDATION, OR CORROS	HE BUSHING. DETAIL PARTS IN AL APPLIED PRIOR TO HEATINES, SUCH AS THERMAL BLANKIPERATURE MEASURING DEVICES THE PART EXPECTED TO REA	O PROCESS, WILL NOT G, THE PARTS SHALL ETS, INFRARED LAMPS EES SHALL BE USED TO
LIGHT COAT OF SEA	THOUT FLANGES SHALL BE INSTAL LANT PER MIL-PRF-81733. INSTALL (HAVE EXTRUDED AROUND THE P	SHRUNKEN BUSHING AND WI	PE OFF ANY EXCESS
}			
	÷		
PREPARED BY		SYMBOL	DATE
JOAN HYATT		LGMPM	17 Oct 01
OO-ALC FORM 462, OCT	96 (EF-V1) (PerFORM PRO)		PAGE 2 OF 4

REV:	ENGINEERING	DATA REQUIREMENTS CONTINUATION SHEET (ATTACHMENT "A")
PART NUMBER	<u> </u>	NATIONAL STOCK NUMBER
68A410637-1001		1680-01-369-9323LE
SEALANT SHALL AL A MANNER AS TO E INSTALLED. WIPE (LSO BE APPLIED TO FACE OF LUG ENSURE COMPLETE COVERAGE OF	D IN A SIMILAR MANNER AS PARAGRAPH (F) EXCEPT UNDER FLANGE. SEALANT SHALL BE APPLIED IN SUCH FINSIDE FACE OF BUSHING FLANGE WHEN BUSHING IS ND PERIPHERY OF BUSHING FLANGE. WIPE ANY EXCESS
MIL-C-16173 PRIOR	GS WITH EXTERNAL GREASE GROC TO BUSHING INSTALLATION AND I BUSHING IS FLANGED.	OVES, THE INSIDE OF THE LUG WILL BE COATED WITH FACE OF LUG WILL BE COATED WITH MIL-PRF-81733 PER
	HALL BE PROCURED FROM THE OF G PROCEDURES AND DIES/TOOLIN	RIGINAL FORGING SOURCE, USING THE ORIGINAL IG.
THE FORGING SOUR AVAILABLE AND TI	RCE, TO THE GOVERNMENT THAT	PART BIDDER SHALL PROVIDE CERTIFICATION FROM THE CERTIFIED DIES AND PROCEDURES ARE REEMENT WITH THE DETAIL PARTS BIDDER TO PROVIDE THE SUCCESSFUL BIDDER.
THE FORGING DRA' FORGINGS. THE DI	WING AND SAE AMS-F-7190 FOR ST ETAILED PART CONTRACTOR SHAI	FICATION SHALL BE ACCOMPLISHED AS SPECIFIED ON FEEL FORGINGS AND SAE AMS-A-22771 FOR ALUMINUM LL ASSURE THAT THIS HAS BEEN ACCOMPLISHED BY ED DOCUMENTATION OF ACCOMPLISHMENT TO THE
19. FORGING SOUR	CE, CONTROL AND LOCATION OF	DIES:
	AWING: 68A410637-2001 JMBER: 1849-A-37-60	
B. DIE #: 2750 (I	OCATED AT W. PAT CROW UNDER	R 1849A3760)
C. CONTROL OF	FORGING PROCESS: W. PAT CROV	N
D. LOCATION O	F FORGING DIE:	
W. PAT CROW, INC 200 LUXTON STREE P.O. BOX 1720 FT. WORTH, TX 76 (817) 536-2861 X280 CAGE: 94790	ET	

PREPARED BY	SYMBOL	DATE
JOAN HYATT	LGMPM	17 Oct 01
		PAGE 3 OF 4

REV:	ENGINEERING DA	TA REQUIREMENTS CONTINUATION SH (ATTACHMENT "A")	IEET
PART NUMBER		NATIONAL STOCK NUMBER	
68A410637-1001		1680-01-369-9323LE	
THE GOVERNMENT IN FORGING SOURCE. TEXPRESS WRITTEN COUNLIMITED USE OF THE FORGING HOUSE IN VICTORIAN TO THE PROPERTY OF THE PR	RCE IS NOT IDENTIFIED PRIOR TO CON WRITING OF THE INTENT TO PROPERTY OF THE CONTRACTOR SHALL NOT PROPERTY OF THE GOVERNMENT-PROPERTY OF THE DIES DEVELOPED UNDER THIS WRITING, AT THE SAME TIME OF THE DIES OF THE DIES RACTING OFFICER.	CURE NEW FORGING DIES AND CEED TO OBTAIN NEW FORGING OCURING ACTIVITY. THE GOVICONTRACT. THE CONTRACTORE ORDER FOR THE DIES IS PLA	THE PROPOSED GS DIES WITHOUT THE ERNMENT SHALL HAVE R SHALL INFORM THE CED, THAT THE
21. AFTER CONTRAC DOCUMENTATION (R BEFORE PRODUCTION	T AWARD, THE SUCCESSFUL BIDD OUTING DOCUMENTS AND PROCES N BEGINS.	ER SHALL PROVIDE A COPY OF SS SPECIFICATIONS) TO LILE FO	THE PROCESSING OR FINAL REVIEW
SHIPMENT OF DISCR	STEM ENGINEERING RETAINS ALL EPANT ITEM. ALL DEVIATIONS, MIUBMITTED FOR MRB DISPOSITION.	RIGHTS TO REVIEW AND ACCEINOR AND MAJOR, FROM THE E	T MRB'S PRIOR TO NGINEERING DRAWING
FULL COMPLIANCE VITHE MANUFACTURE RESPONSIBLE TO COUNDERSTAND THE R	RACT AWARD, THE CONTRACTOR WITH MANUALS, SPECIFICATIONS, OF THIS CONTRACTED LANDING OF THIS CONTRACTED LANDING OF THESE MANUAL OF THE CONTRACTED TO MARCHER OF THE TO THIS OFFICE OO-A	AND STANDARDS CALLED OUT BEAR COMPONENT/ASSEMBLY. LLS, SPECIFICATIONS, AND STA NUFACTURE LANDING GEAR C	AND REQUIRED FOR CONTRACTOR IS NDARDS AND FULLY
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			:
		T. S.	DAIE
JOAN HYATT		LGMPM	17 Oct 01
	96 /FE.V11 /PerFORM PROI		PAGE 4 OF 4

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)

Form Approved OMB No. 0704~0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the government Issuing Contracting Officer for the Contract/PR No. in Block E.

addresses. Send	compresed form								
A. CONTRACT LINE	ITEM NO. B	. EXHIBIT A	C: CATEGORY:	TESTING AND I	NSPECTION OTHER		.] [
D. SYSTEM/ITEM DRAG BRACE BOL	T ASSY	E. CONTRACT	•	F. CONTRAC				 	
1. DATA ITEM NO.	2. TITLE OF DA	TA ITEM		3. SUBTITL	E			17	. PRICE GROU
A001	TEST/INSPEC	TION REPORTS		OVERNME	NT TESTING				
4. AUTHORITY (Dat	-	ocument No.) 5. C	ONTRACT REFERENC	E	6. REQUIRING OFFICE	Е		18 18	. ESTIMATED TOTAL PRIC
7. DD 250 REQ 9.	DIST STATEMENT	10. FREQUENCY 1	12. DATE OF FIRS	T SUBMISSION	14. DISTRIB	UTION] 	
8. APP CODE N/A	D	Ì	13. DATE OF SUBS	SEQUENT SUBM.	a. ADDRESSEE	<u> </u>	COPIES -final- reg repr	•	
16. REMARKS					PCC1PC/MADLV	 	1	 	
(4) Contractor	format acceptab	ole. Paragraph 10).2 of DD Form 16	664 is	7278 4TH STREET	 	 	 	
clarified as fol All dimensi		ces specified on	the manufacturing	ng data shall	BLDG 100, BAY D			1	
		ne actual correspo in another column		otained from	HILL AFB UT		 	1	
		manufacture of "F with a copy of ma			84056-5205			1	
	rocesses includi	ng finish require						- 	
ture of the firs	st article will	ze, painting, etc be identified and	d certified as co	onforming to				1	
processes accomp	plished at other	A copy of the purc t than contractor lled out on Engine	facility shall 1	oe included.] 	
(AFLC Form 3720)		ried out on Engine	sering baca kequ	i i emenc					
Defense and DOD	contractors on	Distribution aut ly (Critical Techn ll be referred to	nology) (15 Sept	_		<u> </u>			
(12) Submit con	ncurrently with	First Article.				+		- 	
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G. PREPARED BY RAY BROWN LGC	DO DATA MGR	H. DAT		ROVED BY 2. AN SMITH/LGOO/	you C by	J. Di	ATE 3 OCT 02		
DD Form 1423-1, J	JUN 90	Previou	s editions are o	bsolete	Page	\mathcal{L} of	Z Pato	es	

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

- Item A. Self-explainatory.
- Item B. Self-explainatory.
- Item C. Mark (X) appropriate category: TDP Technical Data
 Package; TM Technical Manual; Other other category of data,
 such as 'Provisioning', 'Configuration Management', etc.
- Item D. Enter name of system/item being acquired that data will
- Item E. Self-explainatory (to be filled in after contract award).
- Item F. Self-explainatory (to be filled in after contract award).
- Item G. Signature of preparer.
- Item H. Date CDRL was prepared.
- Item I. Signature of CDRL approval authority.
- Item J. Date CDRL was approved.
- Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2. Enter title as it appears on data acquisition document cited in Item $4\,.$
- Item 3. Enter subtitle of data item for futher definition of data item (optional entry).
- Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g. Statement of Work paragraph number).
- Item 6. Enter technical office responsible for ensuring adequacy of the data item.
- Item 7. Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8. Specify requirement for approval of a draft before preparation of the final data item.
- Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24).
- Item 10. Specify number of times data items are to be delivered.
- Item 11. Specify as-of date of data item, when applicable.
- Item 12. Specify when first submittal is required.
- Item 13. Specify when subsequent submittals are required, when applicable. $% \begin{center} \b$
- Item 14. Enter addresses and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15. Enter total number of draft/final copies to be delivered.
- Item 16. Use for additional/clarifying information for items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

- Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.
- a. Group I. Definition Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contrator must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use data shall be governed by the pertinent provisions of the contract.

SOURCE QUALIFICATION REQUIREMENTS

(PL98-525, SECTION 2319)

STOCK NR (NSN)1680013699323LE NOUN: Bolt Assy, Drag Brace, MLG PART NUMBER (P/N)<u>68A410637-1001</u> AIRCRAFT:F-15

SECTION C

QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE:

- 1. Because of the need for uninterrupted item support to military aircraft systems while keeping with the requirements of PL 98-525, the current acquisition need not and generally will not be delayed to provide an offeror an opportunity to qualify. Normal acquisition practices at OO-ALC should preclude the denial of opportunity to any interested offeror.
- 2. The offeror must provide a pre-contract award qualification article, which meets the requirements of the engineering drawings, material specifications, and process specifications. However, successful completion of the qualification testing does not guarantee any contract award. If the offeror is deemed qualified and awarded the contract, a post-contract award first ariticle exhibit may be required to verify production capability.
- 3. The qualification article will be subjected to form, fit, and function verification as well as required testing to assure compliance with data list and other applicable procurement criteria. The qualification article shall demonstrate full compatibility and comparability with existing parts.
- 4. The required materials will be procured from a qualified source and shall meet the requirements of their respective specifications. The offeror will assure that the supplier has accomplished this and shall submit certified documentation of accomplishment of the above requirements to the purchaser along with the pre-contract award qualification article.
- 5. The required forgings shall be procured from the qualified forging source using the original certified forging procedures and dies. Forging material and lot qualifications shall be accomplished as required in the specified forging drawing, P/N <u>68A410637-1001</u> and specification <u>MIL-F-7190</u>. The offeror shall assure that this is or has been accomplished by the forging source and will submit certified documentation of accomplishment of the above requirements to the government along with the pre-contract award qualification article.
- 6. The qualification article once submitted will become subject to such testing as deemed necessary by the U.S. Government to prove that the article meets all dimensional, processing and functional requirements. Such testing may result in the destruction of the article. Following completion of necessary testing and evaluation, the article no matter what its condition shall be returned to the contractor or disposed of at his discretion and direction whether it was found acceptable or not.
- 7. Form verification: The U.S. Government's Quality Verification Center (QVC) will be used to insure compliance with the dimensional requirements of the article. Material and processing compliance will also be verified as required.
- 8. Fit/function verification: Existing components and government test stands and fixtures will be utilized to verify physical interface and functional performance of articles.
- 9. Testing for material and process compliance.

(a) Material analysis

(e) Finish

(b) Heat treat

(f) Grain flow

(c) Grinding

(g) Other

(d) Plating

SOURCE QUALIFICATION REQUIREMENTS

(PL98-525, SECTION 2319)

STOCK NR (NSN)<u>1680013699323LE</u> NOUN: <u>Bolt Assy. Drag Brace, MLG</u> PART NUMBER (P/N)<u>68A410637-1001</u> AIRCRAFT:F-15

10. Remarks:

- a. Organic verification capabilities exist at OO-ALC.
- b. Testing requirements outside organic capabilities will be contracted out.
- 11. The estimated cost of government testing and evaluation is \$2000.
- 12. Maximum time for testing of the qualification article will not exceed 30 days from receipt at testing agency.

GUIDELINES FOR LANDING GEAR VENDOR QUALIFICATION BY SIMILARITY

- 1) A Vendor seeking to become qualified by similarity for an item will be required to submit the following data:
 - a) A complete data package of the item being procured if said data package is not available to the Air Force.
 - b) A complete data package of the similar item that the vendor has previously manufactured.
- 2) The vendor seeking qualification by similarity will provide a list of all value added items, if any, provided to the user of the similar item.
- 3) The vendor will provide verification from the user of the similar item that said item as manufactured by the vendor was delivered on time, and met all quality and performance requirements. The user may be a landing gear Original Equipment Manufacture (OEM), another vendor, or another DOD organization.
- 4) The potential source will provide a list of all processing vendors that are to be used by the potential source and certification that these vendors are qualified to the applicable Mil-Specs or OEM equivalents.
- 5) When the item to be procured requires a forging, a casting, special material, and/or special tooling, the vendor seeking qualification by similarity will provide written verification from the forging, casting, or other source that they will, in fact, provide the necessary forging, casting, or other special items if the vendor receives the contract. The written verification from the forging source will include the following statement:

"(Forging Vendor) will supply forging P/N (Forging Number) to any government approved source if the forgings are to be used to manufacture the (Noun), (P/N) as applicable to the US Air Force. (Forging Vendor) will further assure that the dies are original and unmodified and the forging will be accomplished using original, qualified techniques. Material quality, size, shape of the billet shall be the same as the original qualified product."

In the event that the original forging dies/casting molds are not available, or it becomes more economical to develop new forging dies/casting molds, the potential source will be required to get similar verification from the forging/casting source that they will provide qualified forging dies/casting molds. The Government will be notified of the intent to obtain new dies/molds prior to award of the contract. The Government will pay for and have complete and unrestricted use of all dies/molds developed in this manner.

- 6) The vendor requesting qualification by similarity will provide documentation of all in house machining, processing, quality and production capabilities.
- 7) The vendor seeking qualification by similarity may at the discretion of the Government be required to produce a first article in connection with the contract. Failure to produce a first article that meets all drawing requirements may result in disqualification. Disqualification will be at the discretion of the Government.
- 8) The burden of proof regarding any of the above requirements rests with the potential source. The Government will not pursue authenticity verification. If the similarity proposal does not include all of the required information, it will be returned without approval.